

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10/652,791B  
IFW/B  
10/3/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

**SERIAL NUMBER:**

SERIAL NUMBER: 10652, 1715

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- |          |                                    |  |
|----------|------------------------------------|--|
| 1 _____  | Wrapped Nucleics<br>Wrapped Aminos | The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor <b>after</b> creating it. Please adjust your right margin to .3; this will prevent "wrapping."  |
| 2 _____  | Invalid Line Length                | The rules require that a line <b>not exceed</b> 72 characters in length. This includes white spaces.   |
| 3 _____  | Misaligned Amino<br>Numbering      | The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do <b>not</b> use tab codes between numbers; use <b>space characters</b> , instead.   |
| 4 _____  | Non-ASCII                          | The submitted file was <b>not</b> saved in ASCII(DOS) text, as <b>required</b> by the Sequence Rules. <b>Please ensure your subsequent submission is saved in ASCII text.</b>  |
| 5 _____  | Variable Length                    | Sequence(s) _____ contain n's or Xaa's representing more than one residue. <b>Per Sequence Rules, each n or Xaa can only represent a single residue.</b> Please present the <b>maximum</b> number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.   |
| 6 _____  | PatentIn 2.0<br>"bug"              | A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. <b>This applies to the mandatory &lt;220&gt;-&lt;223&gt; sections for Artificial or Unknown sequences.</b>   |
| 7 _____  | Skipped Sequences<br>(OLD RULES)   | Sequence(s) _____ missing. If intentional, please insert the following lines for <b>each</b> skipped sequence:<br>(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)<br>(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)<br>(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)<br>This sequence is intentionally skipped<br><br>Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to <b>include</b> the skipped sequences. |
| 8 _____  | Skipped Sequences<br>(NEW RULES)   | Sequence(s) _____ missing. If <b>intentional</b> , please insert the following lines for <b>each</b> skipped sequence.<br><210> sequence id number<br><400> sequence id number<br>000  |
| 9 _____  | Use of n's or Xaa's<br>(NEW RULES) | Use of n's and/or Xaa's have been detected in the Sequence Listing.<br>Per 1.823 of Sequence Rules, use of <220>-<223> is <b>MANDATORY</b> if n's or Xaa's are present.<br>In <220> to <223> section, please explain location of <b>n</b> or <b>Xaa</b> , and which residue <b>n</b> or <b>Xaa</b> represents.   |
| 10 _____ | Invalid <213> Response             | Per 1.823 of Sequence Rules, the only <b>valid</b> <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is <b>required</b> when <213> response is Unknown or is Artificial Sequence  |
| 11 _____ | Use of <220>                       | Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.<br>Use of <220> to <223> is <b>MANDATORY</b> if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.<br>(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)   |
| 12 _____ | PatentIn 2.0<br>"bug"              | Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.  |
| 13 _____ | Misuse of n/Xaa                    | "n" can <b>only</b> represent a single <u>nucleotide</u> ; "Xaa" can <b>only</b> represent a single <u>amino acid</u>  |

AMC – Biotechnology Systems Branch – 09/09/2003



IFW16

## RAW SEQUENCE LISTING

DATE: 10/03/2006

PATENT APPLICATION: US/10/652,791B

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.  
 4 McSwiggen, James  
 5 Chowrira, Bharat  
 7 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition of Platelet-Derived  
 8 Endothelial Cell Growth Factor (ECGF1) Gene Expression Using  
 9 Short Interfering Nucleic Acid (siNA) (ps.11)  
 11 <130> FILE REFERENCE: 400/126 (MBHB 03-332-B)  
 13 <140> CURRENT APPLICATION NUMBER: US 10/652,791B  
 14 <141> CURRENT FILING DATE: 2003-08-29  
 16 <150> PRIOR APPLICATION NUMBER: US 10/422,704  
 17 <151> PRIOR FILING DATE: 2003-04-24  
 19 <150> PRIOR APPLICATION NUMBER: US 10/417,012  
 20 <151> PRIOR FILING DATE: 2003-04-16  
 22 <150> PRIOR APPLICATION NUMBER: PCT/US 03/05346  
 23 <151> PRIOR FILING DATE: 2003-02-20  
 25 <150> PRIOR APPLICATION NUMBER: PCT/US 03/05028  
 26 <151> PRIOR FILING DATE: 2003-02-20  
 28 <150> PRIOR APPLICATION NUMBER: US 60/358,580  
 29 <151> PRIOR FILING DATE: 2002-02-20  
 31 <150> PRIOR APPLICATION NUMBER: US 60/363,124  
 32 <151> PRIOR FILING DATE: 2002-03-11  
 34 <150> PRIOR APPLICATION NUMBER: US 60/386,782  
 35 <151> PRIOR FILING DATE: 2002-06-06  
 37 <150> PRIOR APPLICATION NUMBER: US 60/406,784  
 38 <151> PRIOR FILING DATE: 2002-08-29  
 40 <150> PRIOR APPLICATION NUMBER: US 60/408,378  
 41 <151> PRIOR FILING DATE: 2002-09-05  
 43 <150> PRIOR APPLICATION NUMBER: US 60/409,293  
 44 <151> PRIOR FILING DATE: 2002-09-09  
 46 <150> PRIOR APPLICATION NUMBER: US 60/440,129  
 47 <151> PRIOR FILING DATE: 2003-01-15  
 49 <160> NUMBER OF SEQ ID NOS: 225  
 51 <170> SOFTWARE: PatentIn version 3.2  
 53 <210> SEQ ID NO: 1  
 54 <211> LENGTH: 19  
 55 <212> TYPE: RNA  
 56 <213> ORGANISM: Artificial Sequence  
 58 <220> FEATURE:  
 59 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 61 <400> SEQUENCE: 1  
 62 cccgccgccg gcaguggac  
 65 <210> SEQ ID NO: 2  
 66 <211> LENGTH: 19

Does Not Comply  
Corrected Diskette Needed

(ps.10) ↗

19

## RAW SEQUENCE LISTING

DATE: 10/03/2006

PATENT APPLICATION: US/10/652,791B

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

```

67 <212> TYPE: RNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
73 <400> SEQUENCE: 2
74 gcgcguggcg cgaaccucg 19
77 <210> SEQ ID NO: 3
78 <211> LENGTH: 19
79 <212> TYPE: RNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
85 <400> SEQUENCE: 3
86 gaaccuacg gucccgacc 19
89 <210> SEQ ID NO: 4
90 <211> LENGTH: 19
91 <212> TYPE: RNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
97 <400> SEQUENCE: 4
98 ccgcgggcga ggccgggua 19
101 <210> SEQ ID NO: 5
102 <211> LENGTH: 19
103 <212> TYPE: RNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
109 <400> SEQUENCE: 5
110 accugggcug ggauccgga 19
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 19
115 <212> TYPE: RNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
121 <400> SEQUENCE: 6
122 agcaagcggg cgagggcag 19
125 <210> SEQ ID NO: 7
126 <211> LENGTH: 19
127 <212> TYPE: RNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
133 <400> SEQUENCE: 7
134 gcgcccuaag caggcccgg 19
137 <210> SEQ ID NO: 8

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138 <211> LENGTH: 19  
139 <212> TYPE: RNA

## RAW SEQUENCE LISTING

DATE: 10/03/2006

PATENT APPLICATION: US/10/652,791B

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

```

140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
145 <400> SEQUENCE: 8
146 gagcgauggc agccuugau 19
149 <210> SEQ ID NO: 9
150 <211> LENGTH: 19
151 <212> TYPE: RNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
157 <400> SEQUENCE: 9
158 ugaccccgagg aaccggggc 19
161 <210> SEQ ID NO: 10
162 <211> LENGTH: 19
163 <212> TYPE: RNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
169 <400> SEQUENCE: 10
170 cccacccgc gccugguga 19
173 <210> SEQ ID NO: 11
174 <211> LENGTH: 19
175 <212> TYPE: RNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
181 <400> SEQUENCE: 11
182 acuucuccgg ggaagggag 19
185 <210> SEQ ID NO: 12
186 <211> LENGTH: 19
187 <212> TYPE: RNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
193 <400> SEQUENCE: 12
194 gccagggacu ucccgaccc 19
197 <210> SEQ ID NO: 13
198 <211> LENGTH: 19
199 <212> TYPE: RNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
205 <400> SEQUENCE: 13
206 cuucgccaga gcccaagca 19
209 <210> SEQ ID NO: 14
210 <211> LENGTH: 19

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211 <212> TYPE: RNA

212 <213> ORGANISM: Artificial Sequence

## RAW SEQUENCE LISTING

DATE: 10/03/2006

PATENT APPLICATION: US/10/652,791B

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

```

214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
217 <400> SEQUENCE: 14
218 agcucccgga gcugaucgcg                               19
221 <210> SEQ ID NO: 15
222 <211> LENGTH: 19
223 <212> TYPE: RNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
229 <400> SEQUENCE: 15
230 gcaugaagcg agacggagg                               19
233 <210> SEQ ID NO: 16
234 <211> LENGTH: 19
235 <212> TYPE: RNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
241 <400> SEQUENCE: 16
242 gccgccugag cgaagcgga                               19
245 <210> SEQ ID NO: 17
246 <211> LENGTH: 19
247 <212> TYPE: RNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
253 <400> SEQUENCE: 17
254 acaucagggg cuucguggc                               19
257 <210> SEQ ID NO: 18
258 <211> LENGTH: 19
259 <212> TYPE: RNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
265 <400> SEQUENCE: 18
266 ccgcuguggu gaaugggag                               19
269 <210> SEQ ID NO: 19
270 <211> LENGTH: 19
271 <212> TYPE: RNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
277 <400> SEQUENCE: 19
278 gcgcgcaggg cgcacagau                               19
281 <210> SEQ ID NO: 20
282 <211> LENGTH: 19
283 <212> TYPE: RNA

```



284 <213> ORGANISM: Artificial Sequence  
286 <220> FEATURE:

## RAW SEQUENCE LISTING

DATE: 10/03/2006

PATENT APPLICATION: US/10/652,791B

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

287 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

289 &lt;400&gt; SEQUENCE: 20

290 ucggggccau gcugauggc

19

293 &lt;210&gt; SEQ ID NO: 21

294 &lt;211&gt; LENGTH: 19

295 &lt;212&gt; TYPE: RNA

296 &lt;213&gt; ORGANISM: Artificial Sequence

298 &lt;220&gt; FEATURE:

299 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

301 &lt;400&gt; SEQUENCE: 21

302 ccauccgacu ucggggccau

19

305 &lt;210&gt; SEQ ID NO: 22

306 &lt;211&gt; LENGTH: 19

307 &lt;212&gt; TYPE: RNA

308 &lt;213&gt; ORGANISM: Artificial Sequence

310 &lt;220&gt; FEATURE:

311 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

313 &lt;400&gt; SEQUENCE: 22

314 uggaucugga ggagaccuc

19

317 &lt;210&gt; SEQ ID NO: 23

318 &lt;211&gt; LENGTH: 19

319 &lt;212&gt; TYPE: RNA

320 &lt;213&gt; ORGANISM: Artificial Sequence

322 &lt;220&gt; FEATURE:

323 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

325 &lt;400&gt; SEQUENCE: 23

326 cggugcugac ccaggcccu

19

329 &lt;210&gt; SEQ ID NO: 24

330 &lt;211&gt; LENGTH: 19

331 &lt;212&gt; TYPE: RNA

332 &lt;213&gt; ORGANISM: Artificial Sequence

334 &lt;220&gt; FEATURE:

335 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

337 &lt;400&gt; SEQUENCE: 24

338 uggcucaguc gggacagca

19

341 &lt;210&gt; SEQ ID NO: 25

342 &lt;211&gt; LENGTH: 19

343 &lt;212&gt; TYPE: RNA

344 &lt;213&gt; ORGANISM: Artificial Sequence

346 &lt;220&gt; FEATURE:

347 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

349 &lt;400&gt; SEQUENCE: 25

350 agcuggagug gccagaggc

19

353 &lt;210&gt; SEQ ID NO: 26

354 &lt;211&gt; LENGTH: 19

355 &lt;212&gt; TYPE: RNA

356 &lt;213&gt; ORGANISM: Artificial Sequence

358 <220> FEATURE:

359 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

10/652,791B

Page 10

<210> 207  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: siNA sense region

<220>

<221> misc\_feature

<222> (1)..(1)

<223> 5'-3 attached terminal deoxyabasic moiety

<220>

<221> misc\_feature

<222> (21)..(21)

<223> 3'-3 attached terminal deoxyabasic moiety

<220>

<221> misc\_feature

<222> (1)..(19)

<223> n stands for any ribonucleotide

<400> 207

nnnnnnnnnnn nnnnnnnnnrt t

21

Invalid response

Which Ribonucleotide does "N" represent?

See item # 13

On error summary Sheet.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/652,791B

DATE: 10/03/2006  
TIME: 10:37:43

Input Set : E:\03-332-B\_Sep 2006.txt  
Output Set: N:\CRF4\10032006\J652791B.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:207; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:208; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:209; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:210; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:211; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:212; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:213; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:214; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:215; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19

**Invalid Line Length:**

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:209; Line(s) 3349  
Seq#:210; Line(s) 3371  
Seq#:211; Line(s) 3398  
Seq#:212; Line(s) 3425  
Seq#:213; Line(s) 3452  
Seq#:214; Line(s) 3480  
Seq#:215; Line(s) 3507

## VERIFICATION SUMMARY

DATE: 10/03/2006

PATENT APPLICATION: US/10/652,791B

TIME: 10:37:43

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

L:3308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207 after pos.:0  
L:3335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208 after pos.:0  
L:3357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:0  
L:3384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210 after pos.:0  
L:3411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:0  
L:3438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212 after pos.:0  
L:3466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213 after pos.:0  
L:3493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214 after pos.:0  
L:3521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215 after pos.:0